FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)

17.

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22.

A substitute specification.

Express Mail Label No.

A power of attorney and/or change of address letter.

## TRANSMITTAL LETTER TO THE UNITED STATES

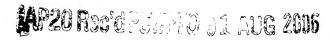
ATTORNEY'S DOCKET NUMBER 004974.01208

	[	DESIGNATED/ELECTE	D OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  TBA. 0 5 6 5 5					
	CON	ICERNING A SUBMISS	SION UNDER 35 U.S.C. 371	тва 0 / 5 8 8 9 2 9					
INTER		IONAL APPLICATION NO. CT/EP2005/000722	INTERNATIONAL FILING DATE 26 JANAURY 2005	PRIORITY DATE CLAIMED 04 FEBRUARY 2004					
For:	DIAG	NVENTION GNOSTICS AND THERAPEUTI PTIDASE HOMOLOG (PHEX)	ICS FOR DISEASES ASSOCIATED WITH	H PHOSPHATE REGULATING					
		T(S) FOR DO/EO/US efan <i>et al.</i>							
Applic	cant h	erewith submits to the United State	s Designated/Elected Office (DO/EO/US) the fo	ollowing items and other information:					
1.	$\boxtimes$	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.							
3.	☒	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.							
4.	$\boxtimes$	The US has been elected (Article 31).							
5.	$\boxtimes$	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))							
		a.  is attached hereto (requ	ired only if not communicated by the Internation	nal Bureau).					
0		b. 🛛 has been communicated	d by the International Bureau.						
		c. $\square$ is not required, as the a	pplication was filed in the United States Receiv	ing Office (RO/US).					
6. $\square$ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).									
		a.  is attached hereto.							
		b. $\square$ has been previously sub	omitted under 35 U.S.C. 154(d)(4).						
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))							
		a.   are attached hereto (red	quired only if not communicated by the Internati	onal Bureau).					
		b.  have been communicate	ed by the International Bureau.						
		c.  have not been made; ho	owever, the time limit for making such amendm	ents has NOT expired.					
		d. $\square$ have not been made an	d will not be made.						
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).							
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).							
12.	$\boxtimes$	A copy of the International Search Report (PCT/ISA/210).							
lte	ems 1	3 to 23 below concern documen	t(s) or information included:						
13.	$\boxtimes$	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.							
14.		An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.							
15.	×	A FIRST preliminary amendment.							
16.		A SECOND or SUBSEQUENT preliminary amendment.							

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.

A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).



PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATIO	ON NO (if known, see	37 CFR 1.5)	INTERNATIONAL APPLICATION NO. PCT/EP2005/000722				ATTORNEY'S DOCKET NUMBER		
& <b>U</b> /	300 U 3	J	PC1/EP20	05/0	00722		004974.0	1208	
23. Other iter	ms or information:								
Form PT	O-1449; equence Lisitng Cov	ver I etter:							
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The following	g fees have been s	ubmitted:					CALCULATIONS	PTO USE	
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If the written opin prepared by IPEA	ion prepared by ISA VUS indicates all c	A/US or the i laims satisfy	nternational prelimina provisions of PCT Art	ry exa	amination rep \$0		\$ \$200.00		
						200			
26. Search	fee (37 CFR 1.492	(b))	ional preliminary exar	ninati	on report				
by IPEA/US	3 indicates all claim	is satisfy pro	visions of PCT Article	33(1	)-(4) \$(	0			
as an Inter	national Searching	Authority	on the international ap		\$1	100	\$ \$400.00		
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previously communicated to the US by the IB. \$400 All other situations. \$500								1	
TOTAL	L OF 24, 25 and	26 =					\$ \$900.00		
Additional fe seguence lis listing in an e The fee is \$2	e for specification a ting in compliance electronic medium) 250 for each addition	and drawings with 37 CFR (37 CFR 1.4) onal 50 sheet	filed in paper over 10 1.821(c) or (e) or con 92(j)). s of paper or fraction	00 she npute there	eets (excludir r program of.	ng			
Total Sheets	Extra Sheets		of each additional 50 of		RATE				
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CLAIMS	NUMBER FI	LED N	NUMBER EXTRA		RATE ·				
Total claims	21	- 20 =	1	х	\$50.0	0	\$ \$50.00		
Independent clair	ns 8	- 3=	5	x	\$200.0	0	\$ \$1,000.00		
MULTIPLE DEPENDENT CLAIMS (if applicable) ☐ + \$360.00							\$ \$0.00		
TOTAL OF ABOVE CALCULATIONS =						S =	\$ \$1,950.00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.							\$ \$0.00		
			·		UBTOTAL	-	\$ \$1,950.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						n	\$ \$0.00		
TOTAL NATIONAL FEE =						Ξ=	\$ \$1,950.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +						+	\$ \$0.00		
TOTAL FEES ENCLOSED =						) =	\$ \$1,950.00		
							Amount to be	\$	
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а. 🗀	A check in the amount of \$	heck in the amount of \$ to cover the above fees is enclosed.			
b. 🗵	Please charge my Deposit Account No.  A duplicate copy of this sheet is enclosed.	19-0733	in the amount of \$	\$1,950.00	to cover the above fees.
с. 🛚	The Commissioner is hereby authorized to to Deposit Account No. 019-0733		ditional fees which may copy of this sheet is en		credit any overpayment
d. 🗀	Fees are to be charged to a credit card. WA information should not be included on the				
NOTE: must b	Where an appropriate time limit under 37 to filed and granted to restore the Internati	CFR 1.495 ha	as not been met, a pet ion to pending status.	ition to revive	(37 CFR 1.137(a) or (b))
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